

IN THE CLAIMS

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A heater resistance (2) ~~in particular~~ for heating a solid part (20), the resistance comprising: an electric wire (10); and a ceramic sheath (16) surrounding the wire; ~~the resistance being characterized in that~~ wherein the sheath ~~comprises~~ includes a woven layer.

2. (Currently Amended) A heater resistance according to claim 1, ~~the preceding claim,~~ ~~characterized in that~~ wherein the woven layer (16) comprises threads of alumina (Al_2O_3).

3. (Currently Amended) A heater resistance according to claim 1, ~~any preceding claim,~~ ~~characterized in that~~ wherein the woven layer (16) comprises threads of silica (SiO_2).

4. (Currently Amended) A heater resistance according to claim 1, ~~any preceding claim,~~ ~~characterized in that~~ wherein the woven layer (16) comprises threads of borate (B_2O_3).

5. (Currently Amended) A heater resistance according to claim 1, ~~any preceding claim,~~ ~~characterized in that it further comprises~~ further comprising a mass (14) of electrically insulating material, ~~preferably~~ interposed between the wire (10) and the sheath (16).

6. (Currently Amended) A heater resistance according to claim 5, the preceding claim,
~~characterized in that wherein~~ the insulating mass (14) is includes constituted by a mineral, e.g.
magnesia (MgO).

7. (Currently Amended) A heater resistance according to claim 1, any preceding claim,
~~characterized in that it presents~~ including a portion (6) of generally elongate shape.

8. (Currently Amended) A heater resistance according to claim 1, any preceding claim,
~~characterized in that it includes~~ further comprising a connector (4) and ~~presents~~ a heater segment
(6) and a connection segment (8) adjacent to the connector, the wire (10) having a cross-section
in the connection section of area that is greater than the area of the cross-section of the wire in
the heater segment.

9. (Currently Amended) A heater resistance according to claim 1, any preceding claim,
~~characterized in that it includes~~ further comprising a connector (4) and a portion (8) adjacent to
the connector that is tapering in shape.

10. (Currently Amended) A ~~member (20), in particular a probe~~ mounted on board a
vehicle for measuring an air flow parameter, ~~such as~~ including temperature, the probe member
comprising a body (22) and ~~being characterized in that it includes~~ at least one heater resistance
(2) according to claim 1 any preceding claim, the heater resistance being secured to the body.

11. (Currently Amended) A probe member according to claim 10, ~~the preceding claim,~~
~~characterized in that~~ wherein the heater resistance (2) is of a shape that is not plane.

12. (Currently Amended) A probe member according to claim 10, ~~or claim 11,~~
~~characterized in that~~ wherein the heater resistance (2) extends at the outside of the body (22).

13. (Currently Amended) A method of fabricating a ~~member (20), in particular a probe~~
for mounting on board a vehicle for measuring an air flow parameter such as including
temperature, the method ~~being characterized in that comprising deforming a heater a resistance~~
(2) according to ~~any one of claims 1 to 9 is deformed~~ claim 1 in order to enable ~~it~~ the heater
resistance to be secured to a body (22) of the probemember.

14. (New) A heater resistance according to Claim 6, wherein the mineral includes
magnesia (MgO).